



## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

414-23747-USCP

SERIAL NO.

10/763,740

APPLICANT

Dubinsky et al.

FILING DATE

January 23, 2004

GROUP

2635

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
As	AA	4,685,091	8/4/1987	Chung et al.	367	31	
	AB	4,932,003	6/5/1990	Winbow et al.	367	75	
	AC	4,951,267	8/21/1990	Chang et al.	367	31	
	AD	5,027,331	6/25/1991	Winbow et al.	367	75	
	AE	5,077,697	12/31/1991	Chang	367	31	
*	AF	5,278,805	1/11/1994	Kimball	367	32	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
R	AG	EP0778473A2	11.06.97	EPO			X	

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)


R	AH	Andrew L. Kurkjian et al., <i>Acoustic Multipole Sources In Fluid-Filled Boreholes</i> , Geophysics, Vol. 51, No. 1, (January 1986), p.148-163.					
	AI	S.T. Chen, <i>Shear-Wave Logging With Quadrupole Sources</i> , Geophysics, Vol. 54, No. 5, (May 1989), pp. 590-597.					
	AJ	Chaur-Jain Hsu et al., <i>Mandrel Effects On The Dipole Flexural Mode In a Borehole</i> , J. Acoust. Soc. Am. 104 (4), October 1998, pp.2025-2039.					
	AK	V.N. Rama Rao et al., <i>Models In LWD Applications</i> , MIT Earth Resources Laboratory Annual Report, 1999, pp. 5-1 to 5-14.					
*	AL	V.N. Rama Rao et al., <i>Acoustics Of Fluid-Filled Boreholes With Pipe: Guided Propagation and Radiation</i> , J. Acoust. Soc. Am. 105 (6), June 1999, pp. 3057-3066.					

EXAMINER

DATE CONSIDERED

1/23/05

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant

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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Am	BA	5,510,582	4/23/1996	Birchak et al.	181	102	
	BB	5,796,677	8/18/1998	Kostek et al.	367	25	
	BC	5,831,934	11/3/1998	Gill et al.	367	25	
	BD	5,852,262	12/22/1998	Gill et al.	181	106	
	BE	5,852,587	12/22/1998	Kostek et al.	367	25	
	BF	5,936,913	8/10/1999	Gill et al.	317	25	
	BG	5,971,095	10/26/1999	Ozbek	181	112	
	BH	6,082,484	7/4/2000	Molz et al.	181	602	
	BI	6,084,826	7/4/2000	Leggett, III	367	82	
	BJ	6,366,531	4/2/2002	Varsamis et al.	367	26	
	BK	6,552,962	4/22/2003	Varsamis et al.	367	25	
P	BL	6,631,327	10/7/2003	Hsu et al.	702	6	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES   NO
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